(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 21 April 2005 (21.04.2005)

(10) International Publication Number WO 2005/036390 A3

(51) International Patent Classification: G06F 17/22 (2006.01) G06F 17/27 (2006.01)

(21) International Application Number:

PCT/GB2004/004276

(22) International Filing Date: 7 October 2004 (07.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

0323442.4 7 October 2003 (07.10.2003) GB 0323439.0 7 October 2003 (07.10.2003) GB 0323440.8 7 October 2003 (07.10.2003) GB

(71) Applicant (for all designated States except US): SYM-BIAN SOFTWARE LIMITED [GB/GB]; 2-6 Boundary Row, London SEI 8HP (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): KREN, David [GB/GB]; 2-6 Boundary Row, London SEI 8HP (GB).

(74) Agent: ORIGIN LIMITED; 52 Muswell Hill Road, London NIO 3JR (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 16 February 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: EXTENSIBLE FRAMEWORK FOR HANDLING DIFFERENT MARK UP LANGUAGE PARSERS AND GENERATORS IN A COMPUTING DEVICE

(57) Abstract: A computing device programmed with an extensible framework that accepts one or more mark-up language parsers and/or generators, each implemented as plug-ins to the framework, with different plug-ins enabling different kinds of mark up languages to be handled by the device. In this way, the client is no longer tied to a single kind of parser or generator; it can operate with any different kind of parser compatible with the intermediary layer, yet it remains far simpler than prior art clients that are hard-coded to operate directly with several different kinds of parsers and generators.

